IBM Personal System/2 Model L40 SX

Laptop computing without compromise

Full-featured, fast and flexible, IBM Personal System/2® Model L40 SX is the first laptop in the expanding line of PS/2® portables. Small enough to fit easily into most briefcases, it weighs less than 8 pounds (battery included). But there's nothing lightweight about this laptop's computing capabilities–it does just about everything. Except compromise. And the L40 SX is extremely comfortable to use. So whether you're working on the plane, on the train, on the road or off–you can take care of business in a productive way.

The PS/2 Laptop Model L40 SX puts you at ease–with a VGA display that's easy on the eyes, and a sloped keyboard that's as comfortable as any desktop computer's. Along with the keyboard, use an optional Trackpoint device–as a mouse or trackball pointer–whichever you prefer.

The PS/2 Laptop puts you in control–with lighted icons that keep you informed of system status, and Suspend/Resume capability that allows you to stop and restart programs without disruption. You can exchange the battery without disruption, too.

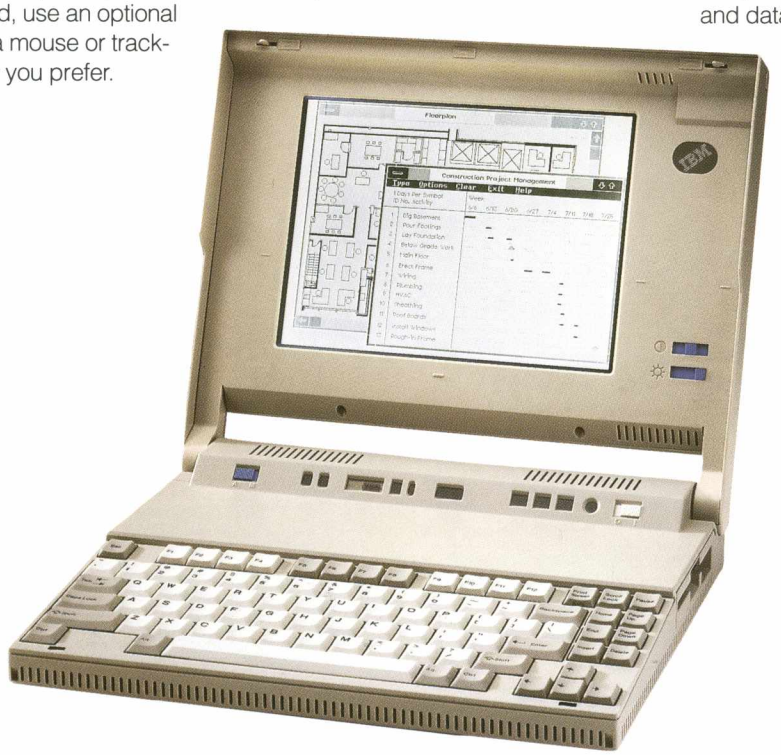
The PS/2 Laptop puts you in command–with 386SX™ processing power, 2MB of memory (expandable to 18MB), and 60 million bytes of hard disk storage. Power management features conserve battery power yet allow you to compute at top speed when you choose.

Finally, the PS/2 Laptop puts an international warranty service plan in your pocket. It's backed by IBM's commitment to quality, service and support. So you can not only carry Model L40 SX–but count on it–anywhere.

The PS/2 Laptop at work

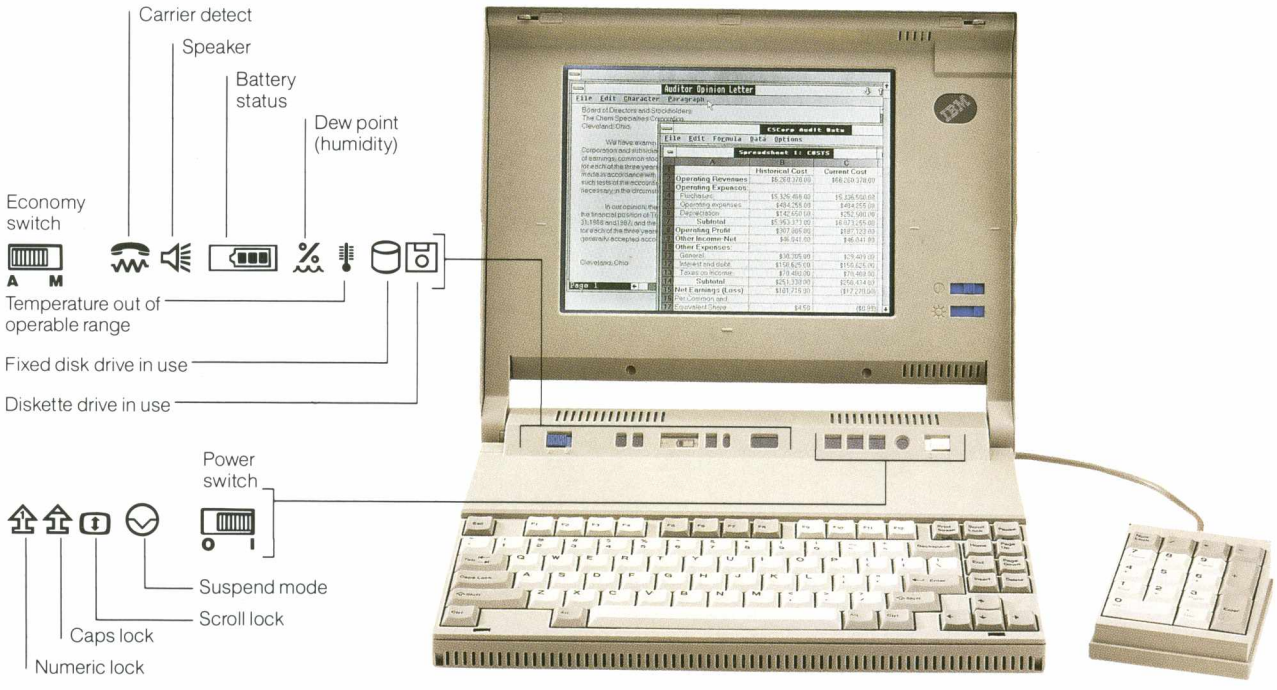
Here are some of the ways you can put Model L40 SX to work for you:

- Add impact to your sales calls, process orders on the spot, and streamline customer record keeping
- Run a spreadsheet, dash off a document for electronic mail, plan a presentation, or simply enter data–whenever or wherever your business demands
- Record notes at a lecture, in the lab, at the library–anywhere on campus or beyond
- Catch up on office work–or get a head start on upcoming projects–at home
- Boost the productivity of company representatives on the road–without sacrificing compatibility with the applications and systems you have in-house
- Keep in touch with your office or clients with an optional Data/Fax Modem–it lets you send and receive documents and data over standard telephone lines



IBM

Feature	Benefit
Lightweight, compact design	• Allows Model L40 SX to be carried in most briefcases or in its own leather slip-in case • Enables you to use your laptop in even the tightest spaces
PS/2 Thin Keyboard	• Features a 5° slope and standard key spacing for complete comfort • Includes 84 full-size keys–with dedicated function and cursor control keys • Comes with a separate 17-key numeric keypad for fast, convenient entry of numerical data[1] • Has the familiar PS/2 keyboard layout for consistency of use
Battery operation	• Lets you perform up to 3 hours of battery-powered computing wherever you need
Suspend/Resume	• Allows you to stop and restart applications simply by closing and then reopening your laptop–you can pick up exactly where you left off • Lets you change batteries in the middle of an application without closing programs or files
Power management features	• Conserve battery power during idle time and between keystrokes; "trickle charge" during AC operation, too • Automatically adjust processor speed to achieve the ideal balance of performance and power conservation–yet allow you to choose maximum speed when you need it
Integrated VGA liquid crystal display	• Offers a generous 10-inch (diagonal) viewing area • Easily tilts to the angle that best suits you • Features fluorescent sidelighting that enhances contrast and reduces glare • Provides sharp, clear, black-on-white text and graphics
20 MHz, 386SX microprocessor	• Delivers impressive speed and power and supports advanced 32-bit 386 applications
2MB, 80ns memory, expandable to 18MB on the planar	• Gives you plenty of speed and electronic workspace for advanced applications • Accommodates multiple applications at a time with Microsoft® Windows™ or IBM Operating System/2®
Internal 60MB hard disk	• Provides fast, convenient access to programs and large amounts of data
System status icons (ten)	• Show you what functions are being performed • Provide a "fuel gauge" of battery power • Inform you when temperature and humidity extremes could limit use of the L40 SX
Trackpoint option	• Combines the convenience of a mouse and a trackball in a single device • Attaches to either the system unit or the numeric keypad, so you can have full 101-key capability plus a pointing device
Car battery adapter option	• Allows you to plug into a car's cigarette lighter socket and draw power from the car battery
International Hardware Warranty Service	• Provides warranty service from IBM and IBM Authorized Remarketers in countries where the PS/2 Laptop is sold



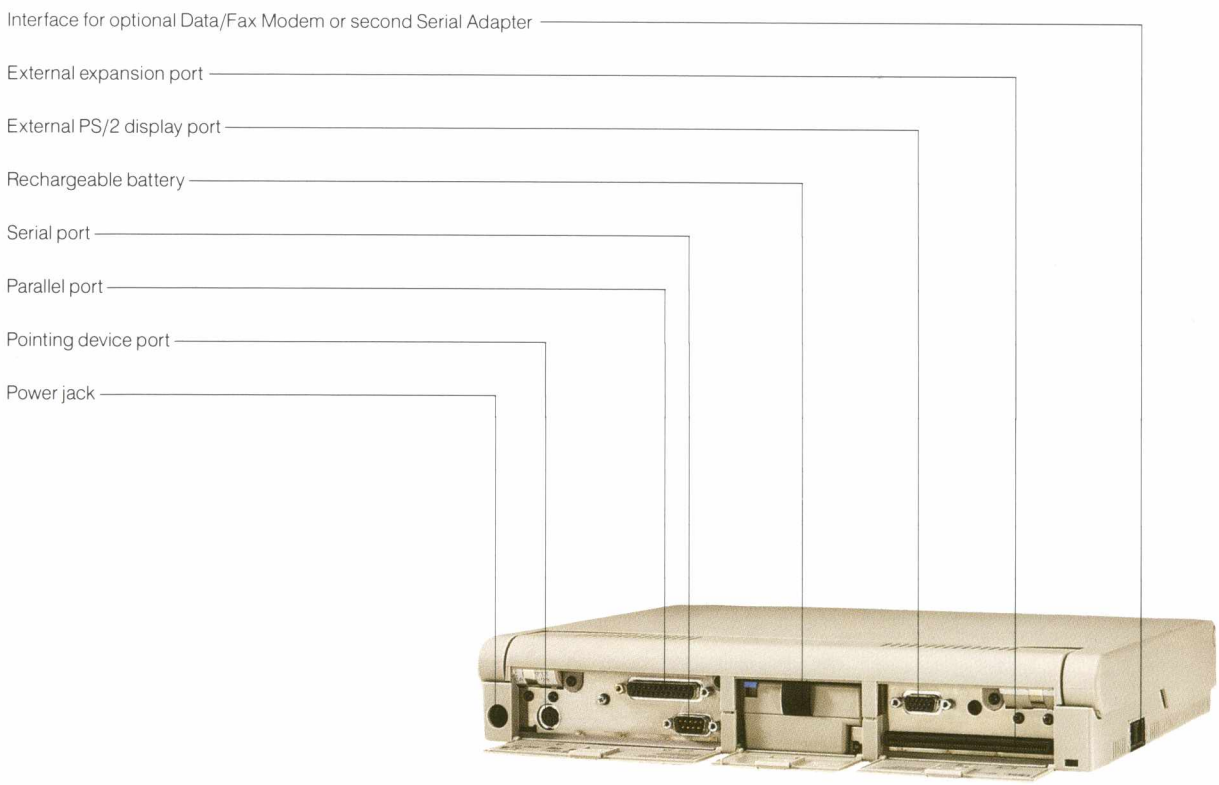
Options

	Part no.
Connectivity/communications[2]	
• Serial Adapter[3,4]	79F0979
• Internal Data/Fax Modem[3,4]	79F0198
Other features	
• Mouse	6450350
• Trackpoint (combined mouse/trackball)	1397040
• Car Battery Adapter	79F1012
• Quick Charger	79F0192
Accessories	
• Carrying Case (black leather slip-in case)	79F3981
• Deluxe Carrying Case (black cloth)	79F0981
• Travel Case	79F3844
• Rechargeable Battery Pack[5]	79F0197

Memory matrix table

Memory on system board*	
Standard memory	2MB (80ns)
Maximum memory	18MB
System board memory expansion kits**	2MB: 80ns (79F0999) 4MB: 80ns (79F1000) 8MB: 80ns (79F1001)
Number of memory kits that can be added on system board	2
Memory configurations possible on system board	2, 4, 6, 8, 10, 12, 14, 18MB

**Optional memory is to be installed by IBM trained personnel.*
***Memory kits may be added in any combination, except only one 4MB memory kit can be installed.*



Why PS/2?
Here are some of the reasons why PS/2 stands out as the best solution for your business needs.

Technological leadership through streamlined, integrated construction and advanced ergonomic design.

Consistency of keyboard layouts, graphics standards, storage media and much more–across the entire PS/2 line.

Compatibility to protect your investment since the PS/2s you have today work with existing products and programs and with those you'll need tomorrow.

Service and support that provide you with everything from fast parts delivery to onsite services to 24-hour phone support anywhere in the country–and all at a competitive price.

Business Partners who enhance PS/2 capabilities by helping customers choose, customize and configure hardware and software to meet a range of needs.

Quality and reliability that ensure PS/2s are built to perform smoothly and dependably year after year.

IBM Personal System/2 Model L40 SX at a glance

Machine number	**8543-044**
Microprocessor	
Standard	80386SX
Clock speed	20 MHz
Other functions	Suspend/Resume Sleep mode Socket for math coprocessor
Bus architecture	IBM Personal Computer AT®-type
Data path	16-bit
Memory (RAM)	
Standard	2MB (80ns)
Maximum on system board	18MB
System maximum	18MB
Integrated display	10" diagonal; Supertwisted Nematic (STN) black-on-white LCD; cold fluorescent sidelighting; 12:1 contrast ratio; 1:1 aspect ratio
Integrated functions	Video Graphics Array (VGA) with display port, serial port, parallel port, keypad/pointing device port, disk and diskette controllers, AT® bus external expansion port
Diskette storage	
Standard (3.5-inch)	1.44MB
Hard disk storage	
Standard	60MB (19ms)
Display modes	
Integrated liquid crystal display (LCD)	VGA, EGA, CGA, MCGA compatibility, including 640 x 480 addressability and up to 32 gray shades: 25 lines by 80 characters
External displays	VGA (includes all EGA, CGA and MCGA modes) 320 x 200 x 256 colors/64 gray shades; 640 x 480 x 16 colors/gray shades; 9 x 16 pel character matrix
Supported external displays	IBM Personal System/2 Color Displays 8512, 8513, 8514[6] and 8515;[6] IBM Personal System/2 Monochrome Display 8503
Keyboard	84 keys plus attachable 17-key numeric keypad; 5° slope; full-size keys with standard key spacing
Power supply	Rechargeable battery pack; AC adapter (100-240 VAC, 50 or 60 Hz); worldwide usage
Operating systems	DOS 3.3 or higher, IBM Operating System/2 Standard or Extended Edition 1.3
Size	Approx. 2.1"H x 12.8"W x 10.7"D (53.2mm x 325mm x 272mm); 7.7 lbs. (3.5 kg) including battery
Warranty	One-year limited warranty; International Hardware Warranty Service
Data/Fax Modem (option)	Data: 300, 1,200, 2,400 bps; standard Hayes® AT command set Facsimile: 300, 2,400, 7,200, 9,600 bps; Group 3; MNP Classes 3, 4 and 5

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™ 386 and SX are trademarks of Intel Corporation. Windows is a trademark of Microsoft Corporation.
[1] The numeric keypad has a port for a pointing device, enabling you to use the keypad and the optional Trackpoint at the same time.
[2] IBM intends to provide connectivity to IBM networks using the L40 SX's external expansion port and Personal Computer AT versions of the 3278/3279 Emulation Adapter, the 5250 Emulation Adapter, and the Token-Ring Network 16/4 Adapter (half-size cards).
[3] Options are to be installed by IBM trained personnel.
[4] The internal Data/Fax Modem and the Serial Adapter use the same planar connector, so only one of these options can be installed per system unit.
[5] May be purchased by calling IBM Telemarketing Operations (TMO) at 1-800-IBM-2468.
[6] VGA mode only.

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